Why NobelProcera CAD/CAM bars?
For the sake of quality, function, esthetics and good business

by Michael Stuart, Nobel Biocare

Certified dental technician Thomas Wade is the owner of New Horizons Dental Laboratory on the outskirts of Denver, Colorado, U.S. According to him, the quality and efficiency gains that result from outsourcing the production of bars to NobelProcera is rewarding for everyone involved.

Wade has chosen NobelProcera technology as his exclusive provider of CAD/CAM-milled titanium bars for two main reasons: “First of all,” explained Wade, “the NobelProcera software allows us to access and provide a wide variety of solutions entailing many different types and styles of bars, customization features, and attachments—all in order to better address the patient’s individual needs.”

Secondly, it is Wade’s view that this technology puts design control in the proper hands. “A bar is best designed by a skilled technician with experience in intra-oral biomechanics,” he stated simply. He went on to explain that, since the bar is only one of several components in a successful restoration, the bar designer must fully understand how the bar will support the other components, such as dental teeth and the PMMA base, in order to provide long-lasting function and esthetics.

Wade cited other reasons for using NobelProcera CAD/CAM bars. Broad and comprehensive technical support is high on his list, as is the state-of-the-art design software that keeps him competitive as he works at the technological cutting edge.

“Meticulous quality control by NobelProcera, especially as it relates to passivity of fit and finish,” Wade asserted, “I do review a wide variety of restorative criteria, and verify that the plan will facilitate the fabrication of a highly successful prosthesis.”

Even when the team is geographically separated, “the ability to share a plan between the three corners of the ‘golden triangle’ (i.e. the surgeon, the restorative dentist and the laboratory) offers unprecedented opportunities for success.”

Using NobelClinician on the front end and NobelProcera bar technology for the final restoration on the back end makes for a powerful combination.

Wade concluded: “In short, it is a beautiful thing!”

Wade believes that the combination of design screenshots and final product photographs create a powerful statement about the quality of the engineering and biomechanics. “Demonstrated quality serves as a strong marketing tool,” he said. “Also, at a time when most bar cases have been oversimplified to a one-size-fits-all treatment plan of full wrap design, I have made my clients aware that we can offer a multitude of design styles to better, more effectively treat a patient’s specific intra-oral needs.”

“Digital planning—which identifies any obstacles, defines the parameters for any necessary bone augmentation or reduction, and indicates strategic placement of the implants—is the key to overall prosthetic success,” Wade asserted. “What the implant surgeon does, or does not do, on the day of surgery sets the tone for the overall success of the case moving forward, but make no mistake, even though implant placement is a surgical procedure, it is prosthodontically driven.”

According to Wade, NobelClinician software makes it possible to bridge the gap between the surgeon and the restorative team, and encourages collaboration and communication between the two.

“Success used to be measured simply by the percentage of surviving, well-osseointegrated implants. Today, success needs to be redefined to take good restorative planning and strategic implant placement into account. To serve the patient well, we want to be able to fabricate a prosthesis that will work well, look good and prove durable. Planning with NobelClinician is the best option available to achieve this.”

According to Wade, both the process and end result are always superior—with improved predictability, repeatability, efficiency and profitability—when working with dentists who use NobelClinician. “It also prevents stress and heartache, and saves us all time!” he emphasized.

“Having NobelClinician software running at his laboratory has become a major boon to his business, by vastly increasing his stature as a valued team member, according to Wade. “I do not plan cases for the clinicians, but I do review a wide variety of restorative criteria, and verify that the plan will facilitate the fabrication of a highly successful prosthesis.”

“Fixed versus fixed-removable prostheses” is the topic of Dr. Thomas Wade’s lecture at 1 p.m. and 4 p.m. In addition, he will be presenting a workshop on the topic: “Fixed versus fixed-removable prostheses” at 1 p.m. and 4 p.m.

NOTE:
Thomas Wade will be lecturing two sessions twice today. His lecture, titled “The All-on-4 treatment concept for an immediate temporary bridge,” will take place at 8 a.m. and again at 11 a.m. In addition, he will be presenting a lecture on the topic: “Fixed versus fixed-removable prostheses” at 1 p.m. and 4 p.m.

* Thomas Wade makes a convincing argument that “a bar is best designed by a skilled technician with experience in intra-oral biomechanics.”

* NobelProcera free-form milled and Dolder bar.